

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



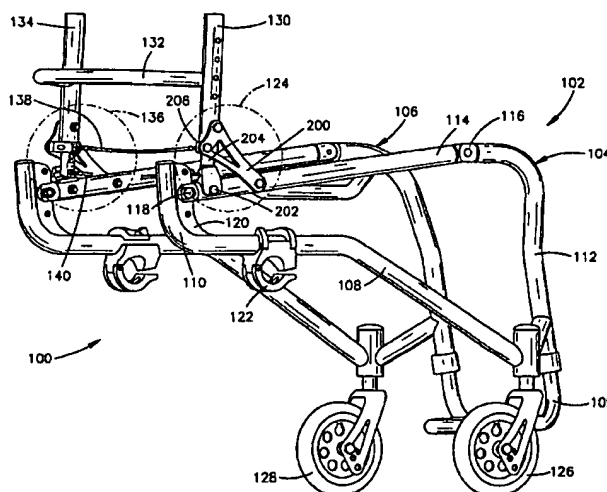
(43) International Publication Date
25 September 2003 (25.09.2003)

PCT

(10) International Publication Number
WO 03/077817 A1

- (51) International Patent Classification⁷: A61G 5/00 (74) Agent: SZABO, Paul, E.; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (21) International Application Number: PCT/US03/07414
- (22) International Filing Date: 11 March 2003 (11.03.2003) (81) Designated States (*national*): AU, CA, NZ, US.
- (25) Filing Language: English
- (26) Publication Language: English (84) Designated States (*regional*): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).
- (30) Priority Data: 60/364,301 13 March 2002 (13.03.2002) US Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only
- (71) Applicant (*for all designated States except US*): INVACARE CORPORATION [US/US]; One Invacare Way, Elyria, OH 44036 (US). Published:
— with international search report
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): CERRETO, Matthew, Robert [US/US]; 395 Annis Road, South Amherst, OH 44001 (US). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ADJUSTABLE SEATING SYSTEM



(57) Abstract: A wheelchair includes a seat back and a frame rail. The seat back can be moved relative to the frame rail between a folded position and an unfolded and locked position. A first releasable locking mechanism releasably locks the seat back in the unfolded and locked position. A second releasable locking mechanism releasably locks the seat back at any selected one of a plurality of different angles relative to the frame rail. The seat back can be folded and unfolded without adjusting the seat back angle. The seat back has a portion that slides along the frame rail as the seat back angle is adjusted. The length of the seat back varies as the seat back angle is adjusted. The seat back includes a back cane that is pivotally connected with the frame rail by a pivot bracket. The back cane is fixedly connected to the pivot bracket. The pivot bracket pivots relative to the frame rail when the seat back is moved from the unfolded position to the folded position.

WO 03/077817 A1